

Remarks/Arguments:

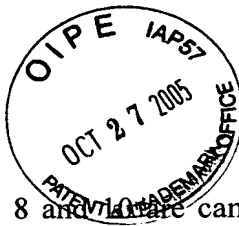
Claims 1-7, 9 and 11-48 are pending in this application. In the Office Action dated August 5, 2005, the Examiner has objected to Figure 1, and to claims 1, 3-4, 13-29, 32-33, 35-38, and 47-48 for various informalities. The Examiner has rejected claims 8, 10, and 24-29 under the second paragraph of 35 USC 112 for failing to particularly point out the claimed subject matter. The Office Action provides that claims 1-7, 9, 11-24, and 30-48 contain allowable subject matter, and that claims 25-29 are rejected only for their dependence from a rejected base claim.

Two replacement drawing sheets are attached, respectively showing Figures 1A and 1B with text labels as suggested by the Examiner. The added text is associated only with reference characters, so annotated sheets are not seen as being required by MPEP 608.02(v). The added text labels draw support from the written description at page 9, lines 1-12. No matter not within the originally filed application is added.

Respecting the claim objections, claims 1, 3-4, 13-14, 17-29, 32-33, 35-38, and 47-48 are amended as suggested by the Examiner, with exceptions at claims 13 and 24 noted below. Claims 3 and 25 draw support from the written description at page 10, lines 12-14; claims 4 and 26 draw support from the written description at page 27, lines 25-27. The characters X, Y, Z₁ and Z₂ in claims 17-18 and 25-26 represent the cited four component codes of the claimed logical operation. It is noted that the objected terms MAND and MAJ are deleted from claims 17-18, respectively, because a specific logical combination is recited in each of those claims.

Respecting the changes to claim 13 at lines 27-28 and claim 24 line 21, the terms transmit and receive PN codes are used to distinguish claim elements between codes used in the transmitter and receiver. This is seen to address the instance where transmit and receive spreading codes are within tolerable differences but not wholly identical. It is noted that in these claims both transmitter and receiver use like component and composite codes for the same signal communicated between them in the preferred embodiment, so the use of distinguished terms does not imply unique codes as between transmitter and receiver.

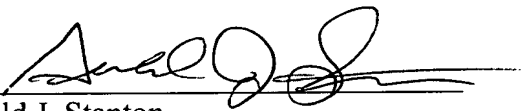
Appl. No. 10/058,669
Amdt. Dated October 21, 2005
Reply to Office Action of August 5, 2005



Respecting the rejected claims, claims 8 and 14 are canceled, and claim 24 is amended to recite that the transmitter delta phase is determined by partially correlating the received signal against at least one of the three receive PN component codes.

Each and every objection and rejection is seen to be fully addressed in this Amendment. The Applicant respectfully requests that the Examiner review and withdraw those objections and rejections, and pass each of claims 1-7, 9 and 11-48 to issue. The undersigned representative welcomes the opportunity to resolve any matters that may remain, formal or otherwise, via teleconference at the Examiner's discretion.

Respectfully submitted:


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October 21, 2005
Date

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 21, 2005
Date


Name of Person Making Deposit